

Converting Colors

Hex(495D70)

Have a look what the booklet for
Hex(495D70) contains.

Hex(495D70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(495D70)

Conversions

Conversions Part 1

Format	Color
Hex	495D70
RGB	73, 93, 112
RGB Percent	29%, 36%, 44%
CMY	0.7137, 0.6353, 0.5608
CMYK	0.35, 0.17, 0.00, 0.56
HSL	209°, 21%, 36%
HSV	209°, 35%, 44%
XYZ	9.5866, 10.4150, 16.8343
YIQ	89.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

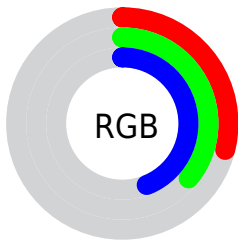
Format	Color
R_{YB}	73, 86, 112
Decimal	4808048
CIE _{Lab}	38.58, -2.50, -13.24
CIE _{LCh}	39, 13.479, 259.302
Yxy	10.4150, 0.2603, 0.2827
Android (android.graphics.Color)	4282998128 (0xFF495D70)
YUV	89.1860, 11.2473, -14.1951
Hunter-Lab	32.2723, -3.4523, -8.3369

Details

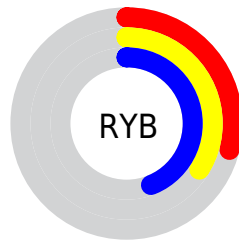
The Hex color **495D70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705C49**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7B8FA4**, and **1A2F40** is the 20% darker color. If you saturate the color by 10%, you get **3E5870**, and if you desaturate by 10%, it is **546270**.

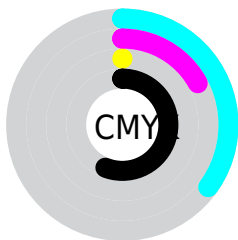
Distribution



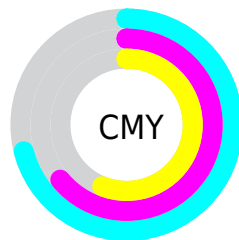
- Red (29%)
- Green (36%)
- Blue (44%)



- Red (29%)
- Yellow (34%)
- Blue (44%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495D70 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 495D70 by changing the saturation by 10% instead.

■ 495D70

■ 495D70

FFFFFF

■ 314558

■ 7B8FA4

■ 1A2F40

■ 95AABF

■ 031B2A

■ B0C5DB

■ 000116

■ CCE1F7

■ 000000

■ E8FDFF

■ 495D70

■ 495D70

■ 3E5870

■ 546270

■ 335270

■ 5F6870

■ 274D70

■ 6B6D70

■ 1C4770

■ 767370

■ 114270

■ 817870

■ 063C70

■ 8C7E70

■ 003970

■ 978370

■ A38970

■ AE8E70

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3F606B



495D70



58596F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



495D70



725354



4F5F4C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



495D70



705C49

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5C5C46



495D70



6F554B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



495D70



6E535F



675946



446156

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



495D70



61576C



675946



535E4A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



495D70



838A91



49705C



41464A



C9C9C9



4A4A4A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



495D70



547491



494A70



323538



003D78



007FF7

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70495D



915474



706F49



383235



78003D



F7007F

Previews

White Background



This preview shows how the Hex color 495D70 looks on a white background.

Color Contrast Check

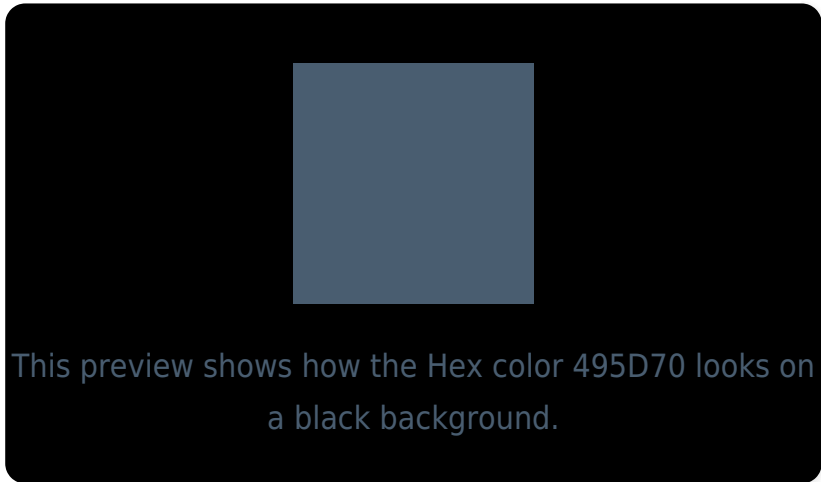
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

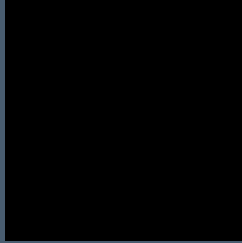
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

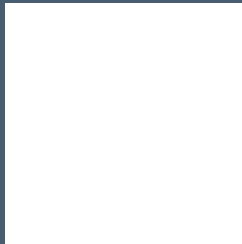
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 495D70 Background



This preview shows how black text looks on a background with the Hex color 495D70.

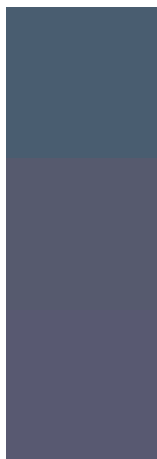


This preview shows how white text looks on a background with the Hex color 495D70.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
495D70

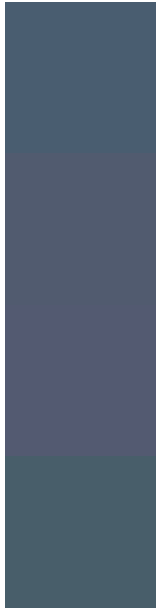
Protanopia
565A6E

Deuteranopia
585971



Tritanopia
475F66

Trichromacy



Original Color
495D70

Protanomaly
515B6F

Deuteranomaly
535A71

Tritanomaly
485E6A

Monochromacy



Original Color
495D70

Achromatopsia
595959

Achromatomaly
535A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 495D70 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #495D70 looks like.

```
.text, #text, p{  
    color:#495D70  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #495D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495D70
}
```

Border

The CSS property to change the border of an element to Hex 495D70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#495D70 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#495D70 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #495D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495D70; -webkit-box-shadow:4px 4px  
4px 4px #495D70; box-shadow:4px 4px 4px  
4px #495D70 }
```

Background

The CSS property to change the background color of an element to Hex 495D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495D70 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#495D70 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor